

Message

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**From:** White, Paul [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4E179825823C44EBBB07A9704E1E5D16-WHITE, PAUL]  
**Sent:** 3/31/2011 6:03:53 PM  
**To:** Flowers, Lynn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]; Jones, Samantha [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eac77fe3b20c4667b8c534c90c15a830-Jones, Samantha]; Perovich, Gina [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6e3c19d7f4db41bfa2477aa27ad83945-Perovich, Gina]; Gatchett, Annette [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f12d699a71f84e21bddbb876dae7f96c-Gatchett, Annette]; CN=Audrey Hoffer/OU=DC/O=USEPA/C=US@EPA; Clark, Becki [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a906e07f1cd143b9a3c2ddab813b8140-Clark, Becki]; Winner, Darrell [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=860556f5cd0f4855839907bcc90b2c41-Winner, Darrell]; Bussard, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=cf26b876393e44f38bdd06db02dbbfe5-Bussard, David]; Vandenberg, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dcae2b98a04540fb8d099f9d4dead690-Vandenberg, John]; Birchfield, Norman [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c910f2fd28414e819b6afe6dda525e9f-Birchfield, Norman]; Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]  
**Subject:** Re: Ramazzini Qs and As: draft for comment (due before COB today)  
**Attachments:** Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_REDLINE\_LF\_PW\_LF\_SJ\_edits.docx

Thanks for the chance to provide input here. I've been happy changes from recent readers and think this will serve EPA well..

Paul

**From:** Samantha Jones/DC/USEPA/US  
**To:** Lynn Flowers/DC/USEPA/US  
**Cc:** Paul White/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
**Date:** 03/31/11 01:11 PM  
**Subject:** Re: Ramazzini Qs and As: draft for comment (due before COB today)

I added a few minor edits to Lynn and Paul's version below.



Ramazzini\_Internal  
Qs and As\_DRA...

From: Lynn Flowers/DC/USEPA/US  
To: Paul White/DC/USEPA/US@EPA, Samantha Jones/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/31/2011 12:52 PM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

I went through a clean copy of Paul's edits and did another minor cleanup.....  
Lynn

[attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_REDLINE\_LF\_PW\_LF\_edits.docx" deleted by Samantha Jones/DC/USEPA/US]

Lynn Flowers, PhD, DABT  
Acting Associate Director for Health  
National Center for Environmental Assessment  
Office of Research and Development  
U.S. EPA

Mailing address:  
1200 Pennsylvania Ave., NW (8601P)  
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Phone: 703-347-8537  
FAX: 703-347-8699

Physical location:  
Two Potomac Yard (North Building)  
2733 S. Crystal Drive  
Arlington, VA 22202

From: Paul White/DC/USEPA/US  
To: Lynn Flowers/DC/USEPA/US@EPA  
Cc: Samantha Jones/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/31/2011 11:51 AM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

Attached please see my additional edits on the IR Q and A.

**Deliberative Process / Ex. 5**

**Deliberative Process / Ex. 5**

[attachment

"Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_CLEAN\_LF\_PW\_edits.docx" deleted by Lynn Flowers/DC/USEPA/US] [attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_RED\_LF\_PW\_edits.docx" deleted by Lynn Flowers/DC/USEPA/US]

From: Lynn Flowers/DC/USEPA/US  
To: Paul White/DC/USEPA/US@EPA  
Cc: Audrey Hoffer/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA  
Date: 03/31/11 10:01 AM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

Noon!

Lynn Flowers, PhD, DABT  
Acting Associate Director for Health  
National Center for Environmental Assessment  
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U.S. EPA

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FAX: 703-347-8699

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2733 S. Crystal Drive  
Arlington, VA 22202

From: Paul White/DC/USEPA/US  
To: Lynn Flowers/DC/USEPA/US@EPA  
Cc: Audrey Hoffer/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA  
Date: 03/31/2011 09:20 AM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

Lynn, i think you have definitely made some improvements. i would like to suggest a some additional edits this morning.  
Is there a cutoff time?

Thanks,  
Paul

From: Lynn Flowers/DC/USEPA/US  
To: Paul White/DC/USEPA/US@EPA, Samantha Jones/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/11 05:19 PM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

## Deliberative Process / Ex. 5

I have attached a redline and a clean copy. If you are going to review and add comments, please use the clean copy as it has some additional formatting and a couple of word changes.

## Deliberative Process / Ex. 5

## Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

I double-checked---all edits need to be to Audrey by noon tomorrow. Reminder--this is for internal use (if at all) and doesn't need to be perfect.

See what you think.  
Lynn

[attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_CLEAN\_LFedits\_redline.doc" deleted by Paul White/DC/USEPA/US] [attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_CLEAN\_LFedits.doc" deleted by Paul White/DC/USEPA/US]

Lynn Flowers, PhD, DABT  
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From: Paul White/DC/USEPA/US  
To: Lynn Flowers/DC/USEPA/US@EPA  
Cc: Samantha Jones/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/2011 03:55 PM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

Thanks, Lynn.

I definitely had the same reaction you mentioned below. So I'll look for your revisions and provide any comment I would have on those, right?

From: Lynn Flowers/DC/USEPA/US  
To: Samantha Jones/DC/USEPA/US@EPA  
Cc: Gina Perovich/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/11 03:43 PM  
Subject: Re: Ramazzini Qs and As: draft for comment (due before COB today)

# Deliberative Process / Ex. 5

Lynn Flowers, PhD, DABT  
Acting Associate Director for Health  
National Center for Environmental Assessment  
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From: Samantha Jones/DC/USEPA/US  
To: Gina Perovich/DC/USEPA/US@EPA  
Cc: Lynn Flowers/DC/USEPA/US, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Cheryl Itkin/DC/USEPA/US@EPA, Crystal Samuels/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/2011 01:33 PM  
Subject: Ramazzini Qs and As: draft for comment (due before COB today)

Hello all,

This is the latest version of the Qs and As, incorporating comments that I received yesterday (note the addition of another Q and A). THIS IS THE ONLY VERSION TO COMMENT ON.

Attached below is a clean version and a track changes version (showing all the changes that I have made since I received the 6-14-10 draft). Note that I shortened the file name mostly because it was becoming ridiculously long.

[attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_CLEAN.doc" deleted by Paul White/DC/USEPA/US] [attachment "Ramazzini\_Internal Qs and As\_DRAFT revised 3 30 11\_sjj\_TRACK CHANGES.docx" deleted by Paul White/DC/USEPA/US]

Thanks,  
Samantha

From: Gina Perovich/DC/USEPA/US  
To: Samantha Jones/DC/USEPA/US@EPA  
Cc: Lynn Flowers/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Cheryl Itkin/DC/USEPA/US@EPA, Crystal Samuels/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/2011 12:47 PM

Subject: Re: methanol FRN

Hi Samantha - yesterday, Lynn said another draft was going to be circulated first, and that we should hold off and comment on that.  
If a second version was sent for comment, I missed it.

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Gina Perovich  
Deputy Director, Washington Division  
National Center for Environmental Assessment  
Office of Research and Development (8623-P)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460  
phone: (703) 347-8656  
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Physical and Overnight Delivery Address:  
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Two Potomac Yard, North Building (7723)  
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Arlington, VA 22202

From: Samantha Jones/DC/USEPA/US  
To: Lynn Flowers/DC/USEPA/US  
Cc: Annette Gatchett/CI/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Cheryl Itkin/DC/USEPA/US@EPA, Crystal Samuels/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA  
Date: 03/30/2011 12:13 PM  
Subject: Re: methanol FRN

So far I have only received one set of comments on the Qs and As...if there are other send them along as I believe we need to have a revised draft by COB today.

Samantha

From: Lynn Flowers/DC/USEPA/US  
To: Audrey Hoffer/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Darrell Winner/DC/USEPA/US@EPA, Samantha Jones/DC/USEPA/US@EPA, Vincent Cogliano/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Paul White/DC/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Norman Birchfield/DC/USEPA/US@EPA  
Cc: Crystal Samuels/DC/USEPA/US@EPA, Cheryl Itkin/DC/USEPA/US@EPA  
Date: 03/29/2011 06:14 PM  
Subject: Re: methanol FRN

Thanks for the update Audrey. One comment to note-I think that a new version fo the Qs and As is forthcoming. Sam-  
correct me if I am wrong!  
Lynn

-----  
Sent by EPA Wireless E-Mail Services

ED\_002435\_00000396-00006

----- Original Message -----

**From:** Audrey Hoffer  
**Sent:** 03/29/2011 05:46 PM EDT  
**To:** Becki Clark; Darrell Winner; Lynn Flowers; Samantha Jones; Vincent Cogliano; David Bussard; John Vandenberg; Gina Perovich; Paul White; Annette Gatchett; Norman Birchfield  
**Cc:** Crystal Samuels; Cheryl Itkin  
**Subject:** Re: methanol FRN

Dear ALL

RE: Press Release on the 4 IRIS Assessments on Hold

# Deliberative Process / Ex. 5

Q&As have been circulated by Samantha. Pls look at. Need to send to IOAA on Thurs.

Thank you, as always.  
Audrey

**From:** Norman Birchfield/DC/USEPA/US  
**To:** Crystal Samuels/DC/USEPA/US@EPA  
**Cc:** "Cheryl Itkin" <Itkin.Cheryl@epamail.epa.gov>, "Audrey Hoffer" <Hoffer.Audrey@epamail.epa.gov>, "John Vandenberg" <Vandenberg.John@epamail.epa.gov>  
**Date:** 03/29/2011 05:27 PM  
**Subject:** Re: methanol FRN

Excellent! Thanks

----- Original Message -----

**From:** Crystal Samuels  
**Sent:** 03/29/2011 04:20 PM EDT  
**To:** Norman Birchfield  
**Subject:** Re: methanol FRN - no change in cost for one more page

Hello,

The package is ready. Just let me know when to take it to the FR office. Thanks

Crystal Samuels  
703-347-8566

**From:** Norman Birchfield/DC/USEPA/US  
**To:** Crystal Samuels/DC/USEPA/US@EPA  
**Date:** 03/29/2011 08:45 AM  
**Subject:** Re: methanol FRN - no change in cost for one more page

Cool! Thanks

From: Crystal Samuels/DC/USEPA/US  
To: Norman Birchfield/DC/USEPA/US@EPA  
Date: 03/29/2011 08:40 AM  
Subject: Re: methanol FRN - no change in cost for one more page

Hello,

No worries now, he's signed and I have the package. I'm sending to funding person now.

Crystal Samuels  
703-347-8566

From: Norman Birchfield/DC/USEPA/US  
To: Crystal Samuels/DC/USEPA/US@EPA  
Date: 03/29/2011 08:32 AM  
Subject: Re: methanol FRN - no change in cost for one more page

Hi Crystal

I tried to let Darrell know yesterday that it was coming but I was pretty brief about it. I'll be seeing him at 9 and can try to make sure he's aware what's going on.

Thanks!!!

Norm

From: Crystal Samuels/DC/USEPA/US  
To: Norman Birchfield/DC/USEPA/US@EPA  
Date: 03/29/2011 08:15 AM  
Subject: Re: methanol FRN - no change in cost for one more page

Hello,

I took the package to Darrell yesterday afternoon for signature of the notice and funding. Elizabeth Corona says that he has said that he's already signed that package, but I don't think he realizes that changes have been made. I had a note on the package explaining, but it must have been removed. Darrell has to sign before funding. I'll go see what's wrong.

Crystal Samuels  
703-347-8566

From: Norman Birchfield/DC/USEPA/US  
To: Crystal Samuels/DC/USEPA/US@EPA  
Date: 03/29/2011 07:01 AM  
Subject: Re: methanol FRN - no change in cost for one more page

Hi Crystal

We got the press release we were waiting on to the press office. When they give the okay we want to be able to get the methanol FRN out quick. Is everything going okay with funding etc?

Thanks



Norm

From: Crystal Samuels/DC/USEPA/US  
To: Norman Birchfield/DC/USEPA/US@EPA  
Date: 03/25/2011 03:41 PM  
Subject: Re: methanol FRN - no change in cost for one more page

okay

Crystal Samuels  
703-347-8566

From: Norman Birchfield/DC/USEPA/US  
To: Crystal Samuels/DC/USEPA/US@EPA  
Cc: Cheryl Itkin/DC/USEPA/US@EPA, Audrey Hoffer/DC/USEPA/US@EPA  
Date: 03/25/2011 03:30 PM  
Subject: Re: methanol FRN - no change in cost for one more page

Understood. I spoke with Audrey to get a better sense of the timing. It sounds like if we can get it funded by Tues or Weds we should be okay. Thanks!

From: Crystal Samuels/DC/USEPA/US  
To: Norman Birchfield/DC/USEPA/US@EPA  
Cc: Cheryl Itkin/DC/USEPA/US@EPA  
Date: 03/25/2011 03:18 PM  
Subject: Re: methanol FRN - no change in cost for one more page

Hello,

Just to reiterate Cheryl's message, this one will have to get extra funding because of the 9th page. And of course it will have to be signed again.

Crystal Samuels  
703-347-8566

From: Norman Birchfield/DC/USEPA/US  
To: Cheryl Itkin/DC/USEPA/US@EPA  
Cc: Crystal Samuels/DC/USEPA/US@EPA, Brenda Carmichael/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Karen Hammerstrom/DC/USEPA/US@EPA, Lynn Flowers/DC/USEPA/US@EPA  
Date: 03/25/2011 03:13 PM  
Subject: Re: methanol FRN - no change in cost for one more page

Hi Cheryl

Here's the final FRN. It is exactly 9 pages. Thanks a ton to you, Brenda and Crystal for your flexibility that is helping to have this ready for the moment we get the green light.

NB

[attachment "Methanol FR notice 03-25-11 v4.doc" deleted by Crystal Samuels/DC/USEPA/US]

From: Cheryl Itkin/DC/USEPA/US  
To: Norman Birchfield/DC/USEPA/US@EPA  
Cc: Crystal Samuels/DC/USEPA/US@EPA, Brenda Carmichael/DC/USEPA/US@EPA  
Date: 03/25/2011 01:10 PM  
Subject: Re: methanol FRN - no change in cost for one more page

Hi Norm,

## Deliberative Process / Ex. 5

Cheryl

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Cheryl Itkin  
Acting Information Management Team Leader  
Director of Quality Assurance & Peer Review Coordinator  
National Center for Environmental Assessment  
US EPA, Office of Research and Development  
Location: Two Potomac Yard, North Building, 7th Floor (N-7714)  
2733 South Crystal Drive, Arlington, VA 22202  
Tel: 703-347-8557

From: Norman Birchfield/DC/USEPA/US  
To: Vincent Cogliano/DC/USEPA/US@EPA, Karen Hammerstrom/DC/USEPA/US@EPA, Lynn Flowers/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Cheryl Itkin/DC/USEPA/US@EPA  
Date: 03/25/2011 10:55 AM  
Subject: methanol FRN - updated for listening session, still needs Lynn's comments

## Deliberative Process / Ex. 5

Thanks

[attachment "Methanol FR notice 03-25-11.doc" deleted by Cheryl Itkin/DC/USEPA/US]